

5th Grade Mathematics Scope and Sequence 2018-2019

| First Quarter | | | | Second Quarter | | |
|----------------------------------|--|--|---|---|---|---|
| Unit | Creating Classroom Community Through Data & Graphing | Using Models to Explore Properties of Multiplication & Division | Using Models to Multiply & Divide Fractions | Using Models to Multiply & Divide Fractions Continued | Understanding Place Value & Decimals in the Context of Metric Measurement | Using Models to Add & Subtract Decimals & Fractions |
| Instructional Days | 2-12 (12) | 13-42 (29) | 43-45 (3) | 46-64 (19) | 65-81 (17) | 81-90 (9) |
| Standards Assessed | NC.5.OA.3 NC.5.MD.2 NC.5.G.1 | NC.5.OA.2 NC.5.NBT.6 NC.5.NBT.5 NC.5.MD.4 NC.5.MD.5 | ? | NC.5.OA.2 NC.5.NF.3 NC.5.NF.4 NC.5.NF.7 | NC.5.NBT.1 NC.5.NBT.3 NC.5.MD.2 | NC.5.OA.2 NC.5.NBT.7 NC.5.NF.1 |
| Big Ideas on the Elementary Card | <ul style="list-style-type: none">Generate shape and numerical patterns connected to x, y coordinate points.Generate, represent and interpret data.Understand concepts of volume and relate volume to multiplication and to addition.Use models and strategies to solve real-world and word problems involving multiplication and division. | | | <ul style="list-style-type: none">Apply and extend previous understandings of multiplication and division to multiply and divide fractions.Explore the place value system from one million to thousandths.Use length and area models to add and subtract decimalsUse equivalent fractions as a strategy to add and subtract fractions. | | |
| Assessment Days | 5 days Including Quarterly Benchmark Assessment | | | 4 days | | |
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| Third Quarter | | | | Fourth Quarter | | |
| Unit | Using Models to Add & Subtract Decimals & Fractions Continued | Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions | | Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions | Classifying Quadrilaterals | |
| Instructional Days | 90-111 (21) | 112-135 (15) | | 136-146 (10) | 147-161 (15) | |
| Standards Assessed | NC.5.OA.2 NC.5.NBT.7 NC.5.NF.1 | NC.5.OA.2 NC.5.NF.4 NC.5.NBT.5 NC.5.NF.7 NC.5.NBT.6 NC.5.MD.1 NC.5.NBT.7 | | NC.5.OA.2 NC.5.NF.4 NC.5.NBT.5 NC.5.NF.7 NC.5.NBT.6 NC.5.MD.1 NC.5.NBT.7 | NC.5.G.1 NC.5.G.3 | |
| Big Ideas on the Elementary Card | <ul style="list-style-type: none">Multiply two whole numbers using the standard algorithm and other strategies.Apply and extend previous understandings of multiplication and division to multiply and divide fractions.Multiply and divide decimals using models and strategies based on place value. | | | <ul style="list-style-type: none">Use a conversion chart to solve one-step problems.Multiply a fraction by a fraction using length and area models.Classify two-dimensional figures into categories based on their properties. | | |
| Assessment Days | 6 days Including 2 nd Quarter Benchmark Assessment | | | 4 days Including 3 rd Quarter Benchmark Assessment Not including EOGs | | |